



**Welcome
to the World
of Standards**



ETSI – EUROPEAN STANDARDS FOR GLOBAL USE

An overview of the European Telecommunication Standards Institute

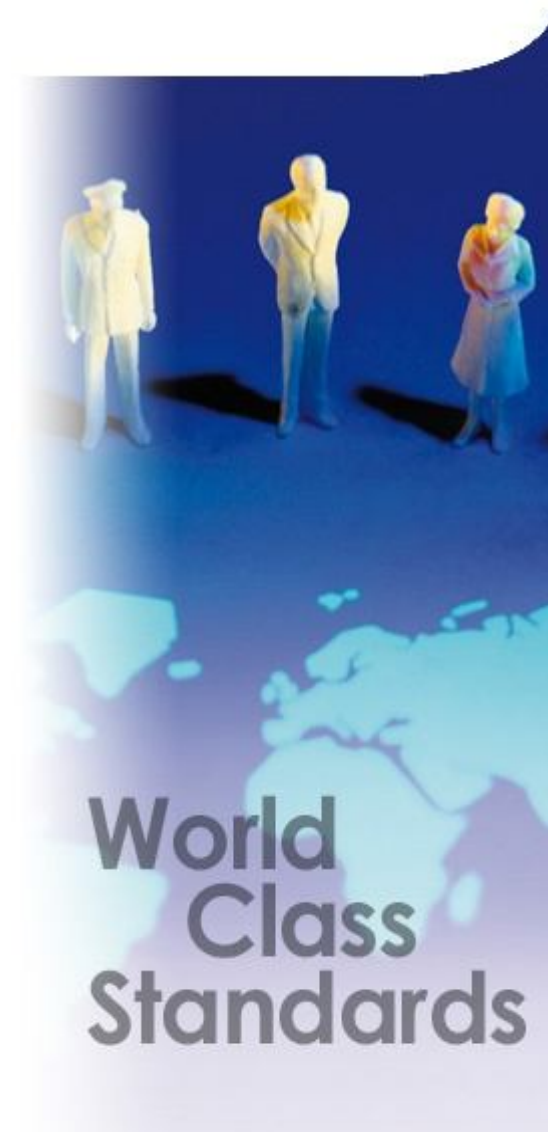


About ETSI

European roots, global outreach



- ETSI is a world-leading standards developing organization for Information and Communication Technologies (ICT)
- Founded initially to serve European needs, ETSI has become highly-respected as a producer of technical standards for worldwide use

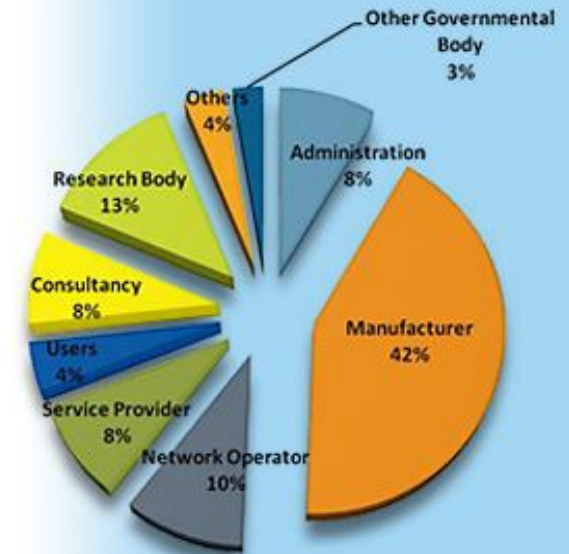


Membership



- Over **700 companies**, big and small, from **62 countries** on **5 continents**
- Manufacturers, network operators, service and content providers, national administrations, ministries, universities, research bodies, consultancies, user organizations

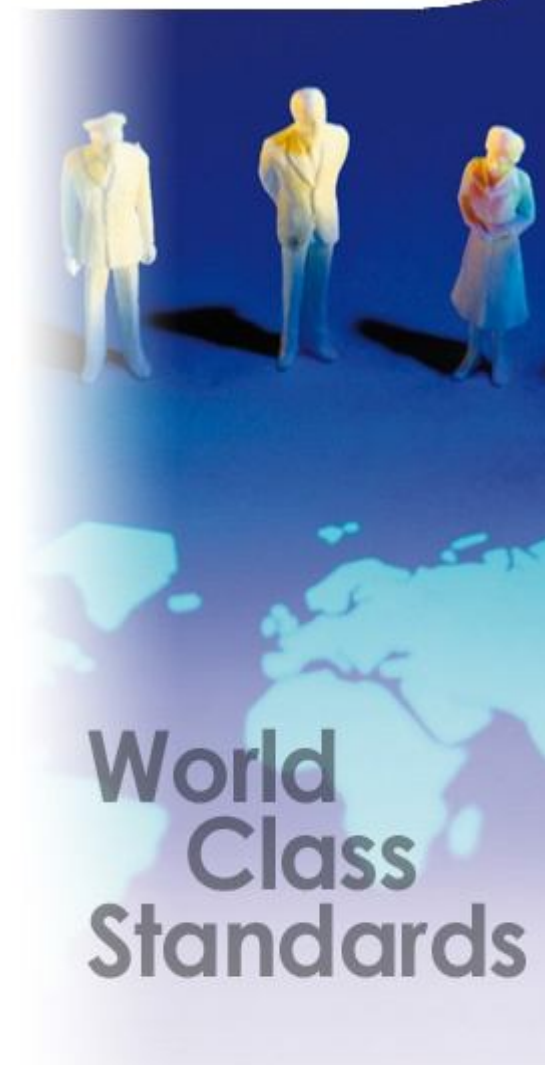
A powerful and dynamic mix
of **skills, resources and
ambitions**



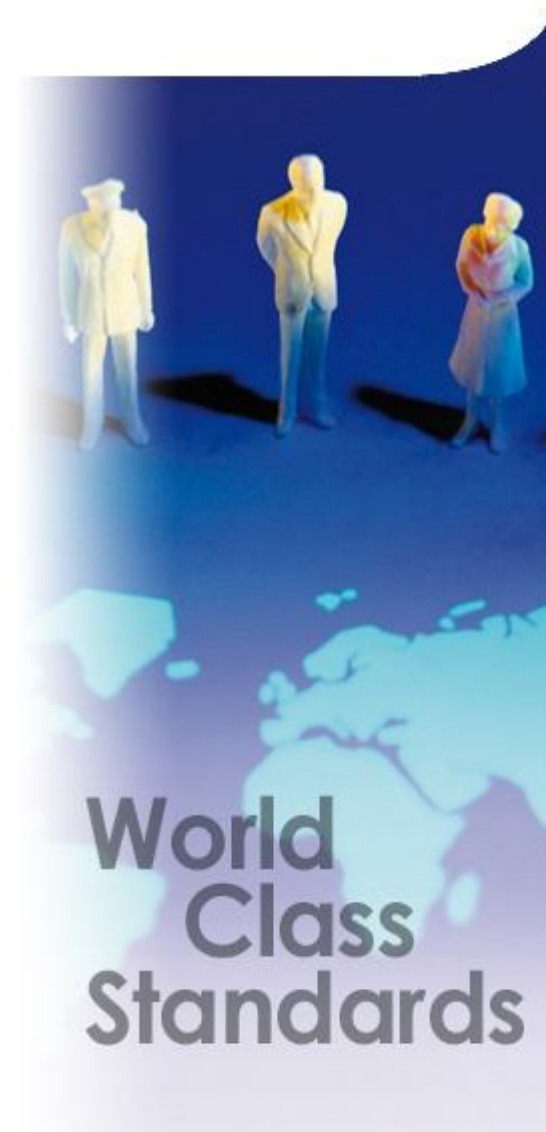
Independence



- **Independent** of all other organizations and structures
- Respected for **neutrality** and trustworthiness
- Esteemed for our world-leading **Intellectual Property Rights (IPR) Policy**



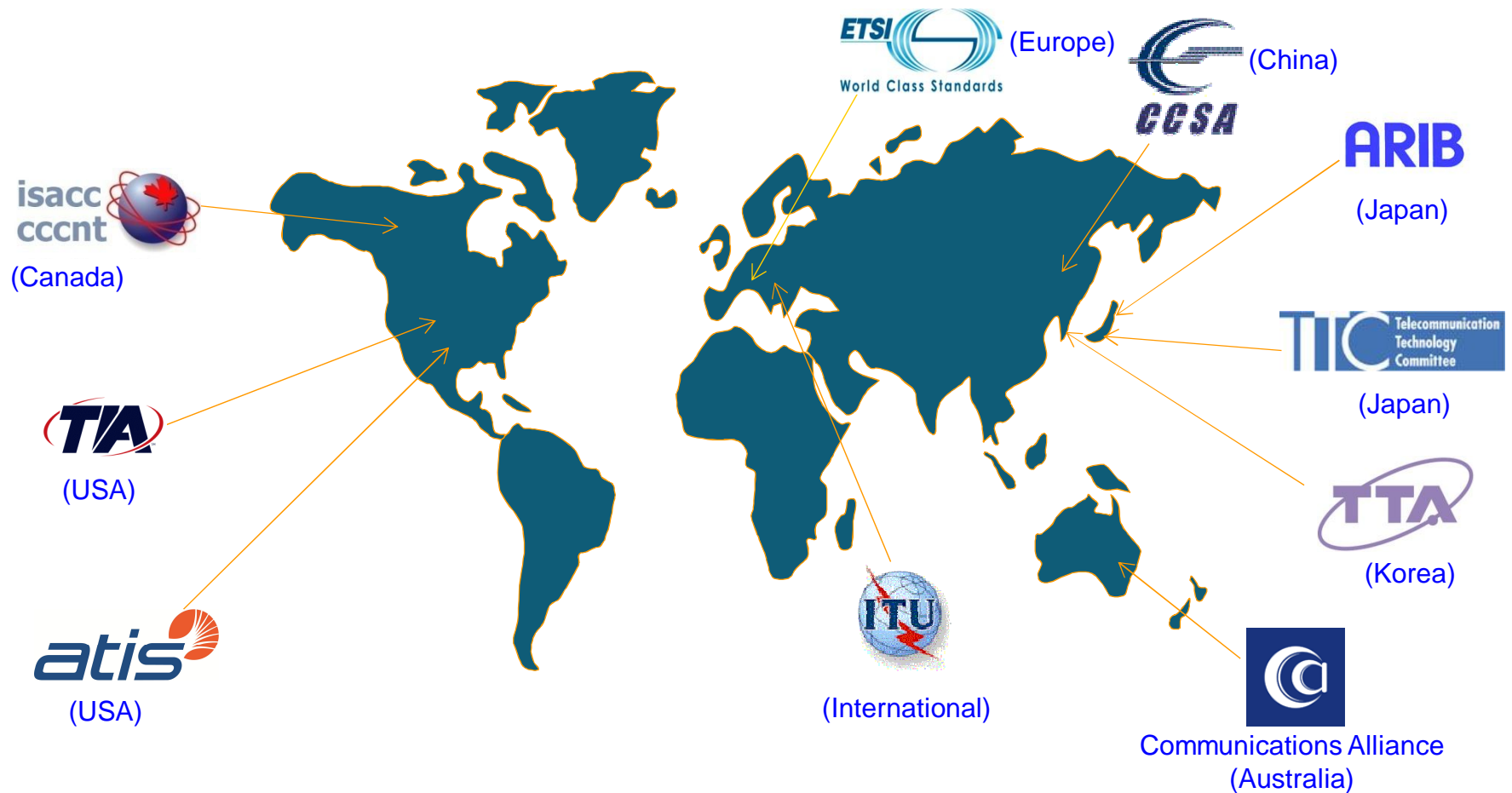
- Strategic collaboration with numerous global and regional standards-making organizations and industry groupings
- Formally recognized as a European Standards Organization, with a global perspective
- Contributing technical standards to support regulation
- Defining radio frequency requirements for the technologies we standardize



Global Standards Collaboration (GSC)



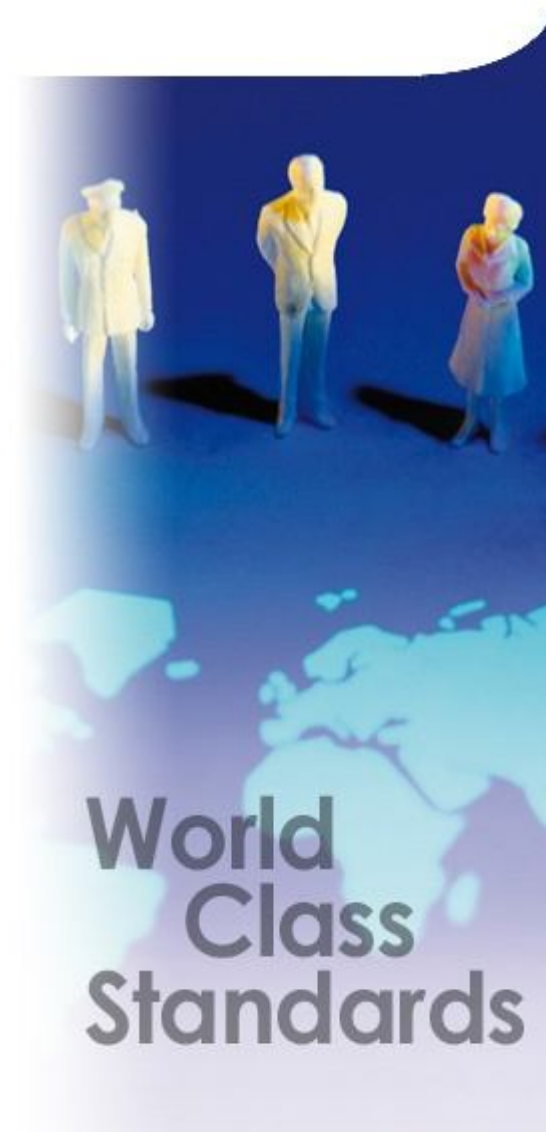
Interregional collaboration on selected standardization



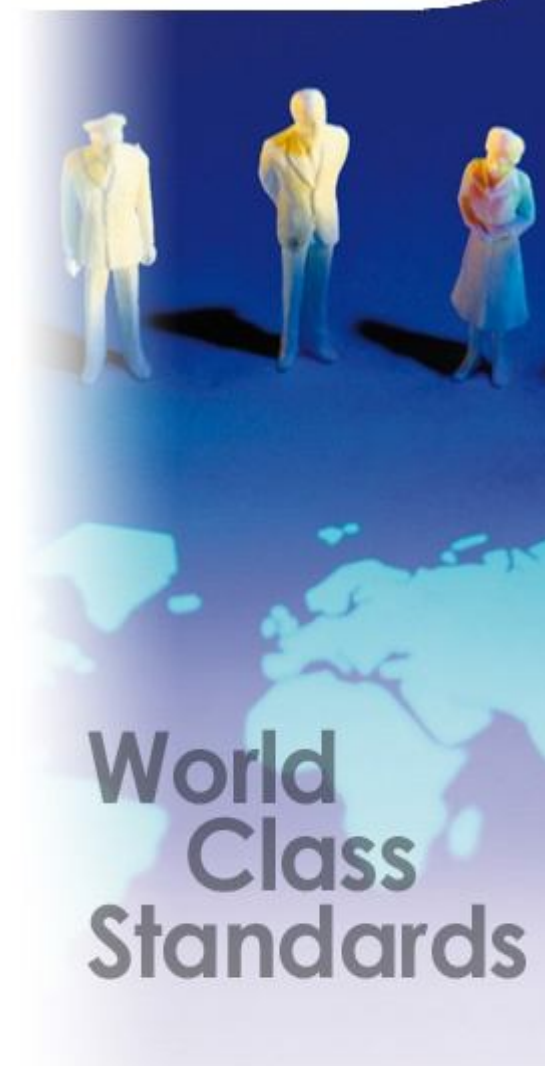
Success Stories



- Home of the GSM™ standards
- Founding partner in 3GPP, standardizing UMTS/3G and now LTE
- DECT cordless telephony
- TETRA emergency communications
- Lawful Interception
- Electronic Signatures
- All sorts of short range devices (SRDs)
- ...



- Efficient and speedy standards-making
- Free download of all our standards
- Electronic working to boost efficiency and reduce cost and environmental impact
- Quality certified to ISO 9001:2008



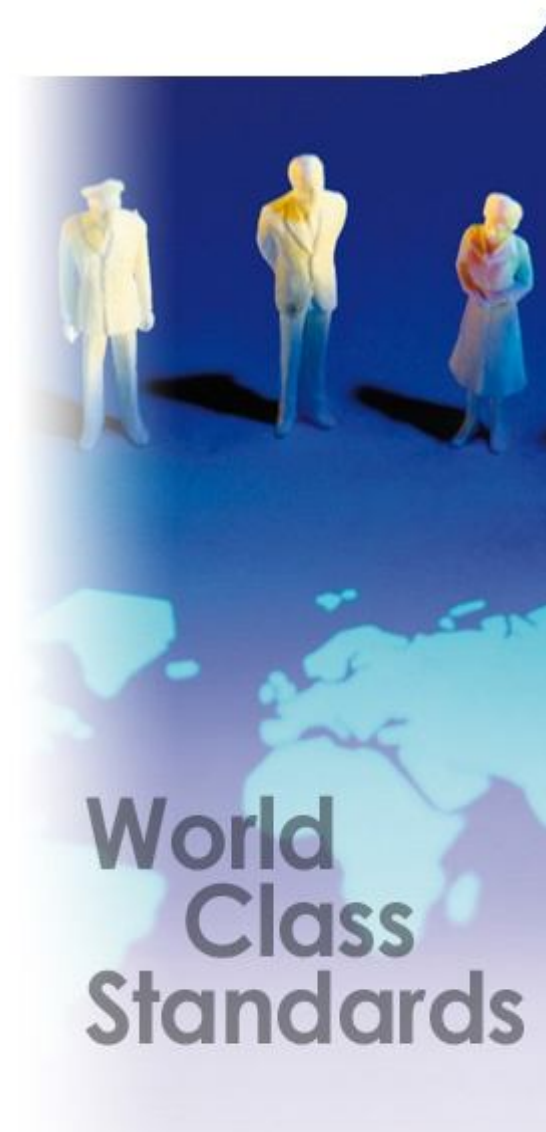
Centre for Testing & Interoperability

- Specification, validation and testing
- Development of test specifications
- Use of best practices, languages and techniques
- Organization of Interoperability events



- The importance of standards to industry and governments continues to grow
- Technological developments and convergence of technologies and businesses impose new demands on standards-making processes

**ETSI is here to serve YOU
in these challenging times**





ETSI Services

- ETSI's core business is standards-making; our publications are used worldwide
- We have introduced additional services designed to give makers and users of standards the very best return on their investment



Different users, different needs



- Standards and reports designed to serve a wide spectrum of needs
- **Standards available to anyone free of charge**
- Methodologies, tools and services for the entire lifecycle of technical innovation





- Offering a wide range of tailored **management and administrative support services** to any forum, drawing on ETSI's core competences

Forapolis provides the **infrastructure, tools and resources** to operate your forum cost effectively, leaving you and your members free to **concentrate on your core activities and objectives**



- Production and custodianship of algorithms, codes and specialized software for telecommunication & broadcast systems



- Management and transparency of Intellectual Property Rights (IPR) information in accordance with our IPR policy



Documentation Service



- ETSI library of **over 23 000 standards and reports** distributed quarterly on DVD with on-line updates
- **Subscription included in ETSI membership** and available for separate purchase



Full services & expertise



Whether you wish to:

- **Assemble** decision makers in India ...
- **Test** products in China for interoperability ...
- **Organize** a workshop in ETSI's premises...

... ETSI has the services and expertise to make it happen





ETSI Membership

WHY join ETSI?



- Right to participate in all ETSI activities
- Preferential access to leading-edge ICT knowledge
- Opportunities to meet and influence your customers & competitors
- Direct insight into critical issues, including regulatory & spectrum matters, and the ability to influence them
- A fair & effective IPR policy to protect your intellectual property
- Access to ETSI's partners around the world



WHO joins ETSI?



Companies & organizations from all over the world:

- The **big players** in ICT
- **SMEs & microenterprises**, who find they can exist very happily within ETSI in the presence of the big names
- **Universities & research bodies** increasingly find themselves at home in ETSI



ETSI Membership



By joining ETSI you will become a partner in the development of world class ICT standards

Join ETSI now
and grow your market

www.etsi.org/membership



WHAT does it cost?



- The annual fee is determined by size, nature and financial performance of the member organization
- All of our members have equal rights of direct participation in our standards-making activities and other services

Our working methods are designed to minimize cost and maximize efficiency



Affordable for all



Reduced annual membership fees for:

- Microenterprises
- Small & Medium Enterprises (SMEs)
- Universities
- Public research bodies
- User associations

Starting at €2,000, it's a great deal for universities, research bodies, associations and small businesses



IF you don't join ETSI?



Be certain that others will!

... and they will have set the agenda
for evolving technologies,
leaving you to follow behind

Stop guessing what the rules will
be...
Start shaping them yourself!



Can you afford not to join ETSI?



After all, more than 700 organisations of all shapes and sizes have done the sums and decided it's worth it

As an ETSI member you will find yourself in very good company!



Find yourself in good company



3xA Security AB
7 LAYERS AG
A.S.P.
A.S.T.R.I.D. S.A.
Aastra Deutschland GmbH
ABB AS
Accenture Services Pvt. Ltd.
ACCURIS Ltd
Acer Incorporated
ACME PACKET
Actalis SpA
Actility SA
ADAE
adare GmbH
Adobe Systems
ADTRAN Europe Limited
AER
Aeroflex
AFUTT
Agency for Electronic Comm.
AGILENT TECHNOLOGIES LTD
Agoria ICT
AHG University
Airbiquity Incorporated
Airvana, Inc.
Airwave Solutions Limited
AIT
AKG Acoustics GmbH
Albanian Mobile Communications
Alcatel-Lucent
Alcatel-Lucent Bell NV
Alcatel-Lucent Deutschland AG
Alcatel-Lucent Nederland B.V.
Alcatel-Lucent Telecom Ltd
Allot Communications Ltd.
ALVARION S.R.L.
AMB Consulting SARL
Amdocs Software Systems Ltd
Analysys Mason Limited
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ANDREW AG
Andrew Corporation
Andrew Wireless Systems GmbH
ANEC
Anite Telecoms Ltd.
ANITEC
ANRITSU LTD
ANT Software Ltd.
Apple (UK) Limited
APWPT
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Araxxe SAS
Arche Finanz GmbH
AREA Spa
Arendi Products GmbH
ARRIS
ASCOM (Suisse) SA
ASELSAN
ASRO
ASUSTeK Computer Inc.
asut
AT&T GNS Belgium SPRL
AT4 wireless S.A.
ATIS SYSTEMS GmbH
ATMEL EUROPE SARL
Attorney-General's Department
Autoliv Electronics AB
Autotalks

AVANTA Global SPRL
Aviat Networks
AVM Berlin
Azimuth Systems Incorporated
BABT
BAE SYSTEMS
Bayerisches Landeskriminalamt
BBC
BELGACOM
BELGIAN FEDERAL POLICE
Bell Mobility
beyerdynamic GmbH & Co. KG
BfV
BH Telecom
BIOTRONIK SE & Co. KG
BIPT
BIS
Blekinge Tekniska Högskola
Bluetest AB
Bluetooth SIG inc.
BMW i
BOEING INTERNATIONAL CORP.
Bolloré Telecom S.A.S.
Bolt & Yurdal Consulting ApS
Boston Scientific Corp.
BOUYGUES Telecom
bremen online services
Bridgewater Systems
BridgeWave Communications Inc.
BroadBit Slovakia
BROADCOM CORPORATION
BT Group Plc
BTT
Bureau Veritas ADT
Cable Europe
CableLabs
Cadzow Communications
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Castle Consulting Ltd
CATCert
CATR
CCS
CCSR
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Celltick Technologies Inc.
Celtra Ltd
CEN
CENELEC
CEPT
CESG
CETECOM GmbH
CEWIT
CGC Inc.
Checkpoint Systems GmbH
Chi Mei Communication
China Telecommunications
CHTTL
Cinderella ApS
Cinterion Wireless Modules
Cisco Systems Belgium
Cisco Systems France
CJSC Peter-Service
CLEARTONE Telecoms Ltd
Climate Associates Limited
CMC
CML Microcircuits
CNES
CNIT

CNRFID
Cochelar Technology Centre
Codonomicon Oy
Collis Great Britain Limited
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Com-Research GmbH
Comverse Network Systems
Cohda Wireless Pty Ltd
conexx
Conformiq Software Ltd.
Continental Automotive GmbH
Continuous Computing Corp.
Converlogic SAS
Copenhagen Fire Brigade
Elster S.A.S.
Cosmo Bulgaria Mobile Ltd
Cosmote Romanian Mobile Com.
COSMOTE S.A.
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CREATE-NET
Cryptolog International
CSEM
CSI (UK) Ltd
CSR
CTE International
CTTC
CYS
Cyta
Czech Telecommunication Office
DAC-UPC
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Danish Standards
DARS TELECOM S.L.
CATT
DBSD Services Ltd.
Delphi Deutschland GmbH
DENSO AUTOMOTIVE
Department of Communications, Ireland
Department of Communications, Latvia
Deutsche Bahn AG
Deutsche Telekom AG
Deutscher Amateur Radio Club
DFS Deutsche Flugsicherung
Digital TV Group
DigiTask GmbH
DLR
DOCOMO Communications Lab.
Dolby Laboratories Inc.
DSNA-DTI
DSPG Edinburgh Ltd
DSRT
DURATEL S.P.A.
Dynastat Inc
EADS
E-Blink S.A.
EBU
ECBF
Echelon Corporation
Echostar Europe
Ecma International
ECO
EENA
Efon AG
EFTA Secretariat
EIRCOM
EIT+
Elektrobit Corporation

EMMA
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Endress + Hauser GmbH & Co. KG
Enraf BV
Entreprise des P. et T.
EOTC
EPCOS AG
ESA
ESF GmbH
ESNA
Estonian Techn. Surveillance
Etherstack Ltd
ETI Connect A/S
ETISALAT
ETRI
ETS-Lindgren Europe
EUROCONTROL
European Commission
European GPR Association
European Patent Organisation
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eWitness S.A.
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Fastweb S.p.A.
FBConsulting S.A.R.L.
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Friedrich-Alex-Universität
FSCOM
FUJITSU Laboratories of Europe
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GE Transportation Systems SpA
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Gigaset Communications GmbH
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Great Circle Design
Group 2000
GSI
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Hewlett-Packard
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HTW Saarland
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Huawei Technologies Sweden AB
Huber + Suhner AG
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Hydeco
Hydrometer Electronic GmbH
Hytera Communications Corp. Ltd
IAESI
IBBT vzw
iBiquity Digital Corporation
IBM EUROPE
Ibys Technologies, S.A.
ICOM (C.E.P.) FRANCE
ICP-ANACOM
ICTA
id Quantique
IFSTTAR
IICS
Ikanos Communications Europe
ILIM
Illuminismo Limited
ILNAS
IMEC
IMM
Incard, STMicroelectronics S.r.l.
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Inmarsat
INNOVERy SpA
Innovation Research
INRIA
INRIM
INSIDE Secure SA
Institut EURECOM
Institut für Informatik , Germany
Institut Telecom , France
Institute for Infocomm Researc h
Institute for Information, Taiwan
Institute for Standardization, Bosnia & H.
Insubria University
INTECS S.p.A.
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Intel Mobile Communications GmbH
INTERDIGITAL COMMUNICATIONS
Intermec Technologies GmbH
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Intertek
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IPS / RESI GROUP
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ISMB
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IT'IS Foundation
ITRC
ITRI
ITS
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JIPDEC
JOTRON a.s.
JSConsulting
jTest
Juniper Networks
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KPN N.V.
KREDITILSYNET
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LCA
LEA
Lecit Consulting s.r.l.
LFV Aviation Consulting AB
LG Electronics Mobilecomm
LightSquared
LINKRA Networks
Lionbridge
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LOGOS SMART CARD A/S
Low Power Radio Association
Lufthansa Systems AG
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LZPD
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Malta Communications Authority
MCCAA
Marben Products
Maritime & Coastguard Agency, UK
Marvell Switzerland
MasterCard Europe Sprl
MediaTek Inc.
MEDTRONIC BAKKEN RESEARCH
MinEfi
MERA NN
Mesajin.com s.r.o
Metodos y Tecnologia
VALID SOLUCIONES TECNOLOGICAS
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Microsoft Europe SARL
Microsoft Ltd
mimoOn GmbH
MIMOS BERHAD
Mindspeed Technologies
Ministere de l'Interieur, France
Ministere des Communications, Luxemburg
Ministerio de Industria, Spain
Ministero Sviluppo Economico, Italy
Ministry of Economic Affairs, Agriculture
and Innovation NL
Ministry of Infrastructure, Greece
Ministry of Infrastructure, Poland

Find yourself in good company



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Ministry of National Development, Hungary
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Ministry of the Sea, Croatia
Ministry of Transport ITC, Bulgaria
Mitra Innovations
Mitre Corporation
Mitsubishi Electric RCE
Mobilarm
MOBILTEL EAD
Modacom Co., Ltd.
MORPHO CARDS GMBH
Motorola Solutions Denmark A/S
Motorola Solutions Germany GmbH
Motorola Solutions UK Ltd.
Motorola Mobility France S.A.S
Motorola Mobility Germany GmbH
Motorola Mobility UK Ltd
Movation AS
Movik Networks
MSB
MStar Semiconductor, Inc.
MTN
Munich Airport
MURATA Electronics Europe B.V.
N.A.C.P.P.S.
National Instruments Corporation
National Technical Assistance, UK
NATS
NC3A
NMHH
NDS Limited
Near Field Solutions Limited
NEC Corporation
NEC EUROPE LTD
NEC Technologies (UK) LTD
NEC Telecom MODUS Ltd.
NEDAP
Nera Networks AS
NET INSIGHT AB
Netscout Systems Inc.
NeuStar Inc.
Nexios TN nv/sa
NICT
NIIR
NITA
Nokia Corporation
Nokia Siemens Networks
Nokia Siemens Networks Oy
Nokia UK Ltd
Nomor Research GmbH
NORMAPME
Norwegian National Rail Admin
Norwegian P & T Authority
NPIA
NTRA
NTT corporation
NVIDIA
NXP Semiconductors
OBB-IKT GmbH
OBERTHUR TECHNOLOGIES
OFCOM (CH)
OFCOM (U.K.)
OIC

Omnitor AB
OnAir N.V.
one2many B.V.
Openet Telecom
OPPIDA
Option N.V.
Oracle Corporation
ORANGE SA
OTE SA
OU Elvior
P3 Communications GmbH
PA Consulting Services Ltd
Panasonic (PMCDE)
Panasonic R&D Center Germany
Pandion Limited
PARK AIR SYSTEMS LIMITED
Pepperl+Fuchs GmbH
Philips International B.V.
Phonak Communications AG
PicoChip Limited
PIDS
Pine Digital Security
Pirelli Tyre SpA
PIWorks
Plantronics Ltd
PLEXTEK Limited
PNO
Polska Telefonía Cyfrowa
PORTUGAL TELECOM
Post- and Telecom Admin., Iceland
Powerwave Technologies
Poznan University of Technology
PQM Consultants
Prime Minister's Office (PMO), Israel
PSA Peugeot Citroen
Public Safety Canada
Qatar Telecom (QTEL)
Qatar University QSTP-B
Q-Free ASA
QOSMOS
QUALCOMM EUROPE S.A.R.L.
QUALCOMM UK Ltd
Qualigon GmbH
QUANTE AG
QUNDIS GmbH
RADIO FREQUENCY SYSTEMS GmbH
RadiSys
RATEL
RealNetworks
Renault SAS
Renesas Electronics Europe
Renesas Mobile Europe Ltd
Research in Motion UK Limited
Réseau Ferré de France
RFI Global Services Ltd
RFI SpA
Rheinmetall Defence Elec. GmbH
Rincon Research Corporation
RITT
ROBERT BOSCH GmbH
ROHDE & SCHWARZ
ROHILL Technologies B.V.
Rosemount Tank
Radar
RTX TELECOM A/S
Ruckus Wireless Inc.
Rundfunk & Telekom
SABS

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Sagemcom SAS
SAMSUNG Electronics
SANDISK CORPORATION
Sandvine Incorporated
Sasken Communication Tech. Ltd.
Satel Oy
SATIMO Industries
Schneider Electric Industries
Screen Service Broadcasting, Italy
Sealed spr
Sea Tel Inc
Secure-NOK AS
SECURITE COMMUNICATIONS
SELEX ELSAG S.p.A.
Semtech Neuchatel SA
Sennheiser Electronic GmbH
SensorDynamics AG
SENSORMATIC
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Sepura PLC
Sequans Communications
SERASYS LIMITED
Servei de telecom. d'Andorra
setcom wireless products GmbH
SGDSN
SGS Wireless
SHARP Electronics (Europe) GmbH
SHURE Europe GmbH
SIAE Microelettronica SpA
Siemens AG
Siemens Enterprise Comms.
Sierra Wireless, S.A.
Siklu Communication Ltd.
Silicon Laboratories
Silver Spring Networks
Sintesis, Foundation
SIST
SISVEL SPA
Softel Systems Pty Ltd
Dialog Semiconductor
SK Telecomj
Sky Interactive
SKYLOGIC SPA
Slovak Telekom, a.s.
SNCF
SOMFY INTERNATIONAL
SONOFON A/S
Sonus Networks Limited
Sony Europe Limited
SORIN CRM
SAS
Software602 a.s.
SP Technical Research
Spectronic Systems A/S
Spidcom Technologies SA
Spirent Communications
Sporton International Inc
Sprava zeleznicni dopravní
SPRINT
SS8 Networks
SSI Pacific Pty Limited
SSNS
St. Jude Medical AB
ST-Ericsson SA
STMicronics
Stoke Inc.
Strategy & Technology Ltd

Sub10 Systems
Suntech S.A.
SWISSCOM
Swissqual AG
SYMMETRICOM GmbH
TAIT Mobile Radio LTD
Tampere University
Taqua LLC
TDF SAS
Techem Energy Services GmbH
TEKTRONIX GmbH & Co KG
Telcordia Technologies
Telekom Austria AG
TELECOM ITALIA S.p.A.
Telecom Technologies Ltd
Telecom. Research Centre (FTW), Austria
TeleCommunication Systems, US
Telecommunications Regulatory, Jordan
Telefon AB LM Ericsson
Telefónica Europe plc
Telefónica O2 Czech Republic
TELEFONICA S.A.
Telekom Slovenije
TELENOR ASA
Telerad
TeleTrust Deutschland e. V.
Television Research Institute
TeliaSonera AB
Telit Communications S.p.A.
TELKOM SA LIMITED
TELLABS OY
TELSIS SYSTEMS LTD
Telstra Corporation
TELTRONIC S.A. Unipersonal
TERACOM AB
Terma A/s
TerreStar Networks Inc.
Testing Technologies
Texas Instruments, France
THALES
Thomson
THRANE & THRANE A/S
T-HT
THURAYA TELECOMMUNICATIONS CIE
T-Mobile Austria GmbH
Telekom Deutschland GmbH
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Toyota Info Technology Center USA, Inc.
TPS
trovicor GmbH
TruePosition Inc.
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TURK TELEKOM
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Ubiquisys Ltd
Ubisense Ltd
UCRF
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UKE
UMH de Elche
UNICON.UZ
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Universität Duisburg-Essen
University of Athens
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UPC Broadband Holding Services
UPRC
URTRI
US Cellular Corporation
UTE
UTIMACO SAFEWARE AG
VAISALA OYJ
Valeo Radar Systems Inc.
VEGA Grieshaber KG
VELUX A/S
Verizon Wireless
Vertex Standard
ViaSat Setellite Holdings Ltd
VIPnet d.o.o.
Vodafone D2 GmbH
Vodafone España SA
VodafoneGroup Plc
Vodafone Ireland Plc
Vodafone Libertel
Vodafone LTD
Vodafone Omnitel N.V
Vodafone Panafon
Vodafone Romania S.A.
Vodafone Teknoloji Hizmetleri
VoiceAge Corporation
Volkswagen AG
Vonniman Consulting
vts Police Netherlands
VTT w2bi Inc.
W.M. Services
WATCHDATA System Co Ltd
Waterford Institute (WIT)
WATTECO
Wattelet Telecoms
WAVECOM
WhP International SAS
Wi-Fi Alliance
WIND TELECOMUNICAZIONI
SPA
Wipro Technologies
Wireless Partners S.L.
wiseSense GmbH
WSS B.V.
Yaana Technologies LLC
Yokogawa Europe B.V.
Zarlink Semiconductor Ltd
ZES BVBA
Zeata Security Ltd
ZNIIS
Zollkriminalamt (ZKA)
ZTE Corporation
ZVEI

Find yourself in good company



Whether your company is large or small, and wherever it's based, there's a place waiting for **you...**

... in ETSI!





ETSI
info@etsi.org

Thank you!